

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,633,894 B2
APPLICATION NO. : 10/525696
DATED : December 15, 2009
INVENTOR(S) : Rene L. Cruz et al.

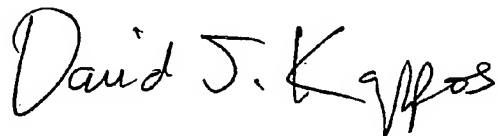
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- Col. 3, line 51 Please delete “ $\text{set } \epsilon \text{ of } L_\epsilon = | \epsilon |$ ” and insert -- $\text{set } \epsilon \text{ of } L_\epsilon = | \epsilon |$ -- therefor.
- Col. 4, line 36 Please delete “ $P_m(L_\epsilon)$ ” and insert -- $P_m(L_\epsilon)$ -- therefor.
- Col. 4, line 30 Please delete “ $W^*_{ym}(t)$ ” and insert -- $W^*_{ym}(l)$ -- therefor.
- Col. 4, line 38 Please delete “ $\epsilon(i)$ be the links in ϵ ” and insert -- $\epsilon(i)$ be the links in ϵ -- therefor.
- Col. 4, line 44 Please delete “ $\overset{\Sigma}{i\epsilon\epsilon}(i)$ ” and insert -- $\overset{\Sigma}{l\epsilon\epsilon}(i)$ -- therefor.
- Col. 4, line 53 Please delete “ X_m ” and insert -- $X_m(l)$ -- therefor.
- Col. 4, line 67 Please delete “ \geq ” and insert -- \geq -- therefor.
- Col. 4, line 67 Please delete “ $l\epsilon\epsilon$ ” and insert -- $l\epsilon\epsilon$ -- therefor.
- Col. 5, line 3 Please delete “ (L_ϵ) ” and insert -- (L_ϵ) -- therefor.
- Col. 5, line 14 Please delete “ (L_ϵ) ” and insert -- (L_ϵ) -- therefor.
- Col. 5, line 24 Please delete “ $\overset{\Sigma}{i\epsilon\epsilon}$ ” and insert -- $\overset{\Sigma}{l\epsilon\epsilon}$ -- therefor.
- Col. 5, line 44 Please delete “ $n_{R(L_\epsilon)}$ ” and insert -- $n_{R(L_\epsilon)}$ -- therefor.
- Col. 5, line 45 After “value of the” please delete the line break.
- Col. 5, line 57 Please delete “ (L_ϵ) ” and insert -- (L_ϵ) -- therefor.

Signed and Sealed this

Thirty-first Day of August, 2010



David J. Kappos
Director of the United States Patent and Trademark Office

Col. 5, line 62 Please delete “ $\sum_{i \in E}$ ” and insert -- $\sum_{l \in E}$ -- therefor.

Col. 6, line 22 Please delete “ \geq ” and insert -- \geq -- therefor.

Col. 6, line 47 Please delete “ $\sum_{i \in E(i)}$ ” and insert -- $\sum_{l \in E(i)}$ -- therefor.

Col. 6, line 56 Please delete “ 2^{L_e} ” and insert -- 2^{L_t} -- therefor.

Col. 6, line 61 Please delete “ $1 \leq m \leq M$ ” and insert -- $1 \leq m \leq M$ -- therefor.

Col. 7, line 18 Please delete “ \geq ” and insert -- \geq -- therefor.

Col. 7, line 43 Please delete “ $V(\vec{P}^{*,i}, \vec{C}, \vec{X}(\vec{P}^{*,i}))$ ” and insert -- $V(\vec{P}^{*,i}, \vec{C}, \vec{X}(\vec{P}^{*,i}))$ -- therefor.

Col. 7, line 54 Please delete “ (L_e+1) ” and insert -- (L_t+1) -- therefor.

Col. 7, line 55 Please delete “ (L_e+1) ” and insert -- (L_t+1) -- therefor.

Col. 7, line 57 Please delete “ (L_e+1) ” and insert -- (L_t+1) -- therefor.

Col. 7, line 60 Please delete “ (L_e+1) ” and insert -- (L_t+1) -- therefor.

Col. 7, line 61 Please delete “ $H(\vec{C}_3 \vec{n}) = g(\vec{\beta}^*) = \overline{V(\vec{P}^{*,i}_3 \vec{C}_3 \vec{X}(\vec{P}^{*,i}_3))}$ ” and insert

-- $H(\vec{C}, \vec{n}) = g(\vec{\beta}^*) = \overline{V(\vec{P}^{*,i}, \vec{C}, \vec{X}(\vec{P}^{*,i}))}$ -- therefor.

Col. 7, line 62 Please delete “ $1 \leq i \leq \hat{K}$ ” and insert -- $1 \leq i \leq \hat{K}$ -- therefor.

Col. 8, line 12 Please delete “ $\sum_{i=l}^{\hat{K}} \lambda^*(i) X^{*i}(l) = C(l)$ ” and insert

-- $\sum_{i=l}^{\hat{K}} \lambda^*(i) X^{*,i}(l) = C(l)$ -- therefor.

- \vec{K} \hat{K}
 Σ Σ
- Col. 8, line 15 Please delete “ $i = l$ ” and insert -- $i = l$ -- therefor.
- Col. 8, line 19 Please delete “ L_{ϵ} ” and insert -- L_{ϵ} -- therefor.
- Col. 8, line 19 Please delete “ \leq ” and insert -- \leq -- therefor.
- Col. 8, line 38 Please delete “ $(L_{\epsilon}+1)$ ” and insert -- $(L_{\epsilon}+1)$ -- therefor.
- Col. 8, line 39 Please delete “ $2^{L_{\epsilon}}$ ” and insert -- $2^{L_{\epsilon}}$ -- therefor.
- Col. 8, line 58 Please delete “modes” and insert -- mode -- therefor.
- Col. 9, line 10 Please delete “edges ϵ ” and insert -- edges ϵ -- therefor.
- Col. 9, line 11 Please delete “ $\epsilon(1), \epsilon(2), \dots \epsilon(J)$ ” and insert -- $\epsilon(1), \epsilon(2), \dots \epsilon(J)$ -- therefor.
- Col. 9, line 12 Please delete “ $\epsilon = \bigcup_{j=1}^J \epsilon(j)$ ” and insert -- $\epsilon = \bigcup_{j=1}^J \epsilon(j)$ -- therefor.
- Col. 9, line 51 Please delete “ $L_{\epsilon(j)}$ ” and insert -- $L_{\epsilon(j)}$ -- therefor.
- Col. 9, line 56 Please delete “ $(L_{\epsilon(k)})$ ” and insert -- $(L_{\epsilon(k)})$ -- therefor.
- Σ Σ
- Col. 10, line 10 Please delete “ $V \in L_{\epsilon(k)}$ ” and insert -- $V' \in L_{\epsilon(k)}$ -- therefor.
- Col. 10, line 25 Please delete “ \geq ” and insert -- \geq -- therefor.
- Col. 10, line 38 Please delete “ (\vec{C}, \vec{N}) ” and insert -- (\vec{C}, \vec{N}^k) -- therefor.
- Col. 11, line 27 Please delete “ \leq ” and insert -- \leq -- therefor.
- Col. 11, line 59 Please delete “ $X^{avg}(t) = \lim_{n \rightarrow +\infty} \frac{1}{n} \sum_{m=1}^{n_1} X_{ml}(t)$ ” and insert
- $$X^{avg}(l) = \lim_{n \rightarrow \infty} \frac{1}{n} \sum_{m=1}^n X_m(l)$$
- therefor.

Col. 11, line 61 Please delete “ $= \lim_{n \rightarrow +\infty} \frac{1}{n} \sum_{m=1}^{n_1} W' \left[\frac{G(T(l)_1 R(l)) P_m(l)}{\sum_{k: k \neq l} G(T(k)_1 R(l)) P_m(k) + n_{R(l)}(m)} \right]$ ”
 and insert -- $= \lim_{n \rightarrow +\infty} \frac{1}{n} \sum_{m=1}^n W' \left[\frac{G(T(l)_1 R(l)) P_m(l)}{\sum_{k: k \neq l} G(T(k)_1 R(l)) P_m(k) + n_{R(l)}(m)} \right]$ -- therefor.

Col. 11, line 65 Please delete “ $\lim_{n \rightarrow +\infty}$ ” and insert -- $\lim_{n \rightarrow \infty}$ -- therefor.

Col. 12, line 5 Please delete “ $\sum_{m: m \in S_n(i)} W' \left[\frac{G(T(l)_1 R(l)) P_j^{*1}(l)}{\sum_{k: k \neq l} G(T(k)_1 R(l)) P_j^{*1}(k) + n_{R(l)}(m)} \right]$ ” and insert

-- $\sum_{m \in S_n(i)} W' \left[\frac{G(T(l)_1 R(l)) P_j^{*1}(l)}{\sum_{k: k \neq l} G(T(k)_1 R(l)) P_j^{*1}(k) + n_{R(l)}(m)} \right]$ -- therefor.

Col. 12, line 10 Please delete “ $\geq \sum_i \lambda^*(i) W' \left[\frac{G(T(l)_1 R(l)) P_j^{*1}(l)}{\sum_{k: k \neq l} G(T(k)_1 R(l)) P_j^{*1}(k) + N_j(l)} \right]$ ” and insert

-- $\geq \sum_i \lambda^*(i) W' \left[\frac{G(T(l)_1 R(l)) P_j^{*1}(l)}{\sum_{k: k \neq l} G(T(k)_1 R(l)) P_j^{*1}(k) + N_j(l)} \right]$ -- therefor.

Col. 12, line 12 Please delete “ $C(l)_2$ ” and insert -- $C(l)$, -- therefor.

Col. 12, line 31 Please delete “insure” and insert -- ensure -- therefor.

Col. 12, line 38 Please delete “considered a above” and insert -- considered above -- therefor.

Col. 13, line 9 Please delete “ L_ϵ ” and insert -- L_ϵ -- therefor.

Col. 13, line 12 Please delete “ ϵ ” and insert -- ϵ -- therefor.

Col. 13, line 15 Please delete “ ϵ ” and insert -- ϵ -- therefor.

Col. 13, line 31 Please delete “ ϵ ” and insert -- ϵ -- therefor.

Col. 14, line 64 Please delete “X, Y and Y” and insert -- X, Y and Z -- therefor.

Col. 15, line 39 Please delete “by the our” and insert -- by our -- therefor.

Col. 16, lines 41-42

Please delete “for these policies in Fig. 8” and insert
-- for these Fig. 8 policies -- therefor.

Col. 18, line 42 Please delete both instances of “ $\sum_{i \in \epsilon \epsilon}$ ” and insert -- $\sum_{i \in \epsilon}$ -- therefor.

Col. 18, line 52 Please delete “ \cong ” and insert -- \geq -- therefor.

Col. 18, line 53 Please delete “ \cong ” and insert -- \geq -- therefor.

Col. 18, line 54 Please delete “ $i \in \epsilon$ ” and insert -- $i \in \epsilon$ -- therefor.